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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE
PATENT APPLICATION

Applicants:	McLoughlin et al.	Date:	18 October 2002
Serial No.:	09/878,715	Examiner:	Robert D. Jones
Filed:	June 11, 2001	Group Art:	3672
For:	A Wellbore Directional Steering Tool		

RESPONSE TO NOTICE TO MAKE ELECTION

To the Honorable Commissioner of Patents and Trademarks
Attn.: The Assistant Commissioner for Patents
Washington, DC 20231

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OCT 23 2002
GROUP 3600

Dear Sir:

This is Applicants' response, to the subject application, in reply to the Notice to Make Election of Species mailed on 23 September 2002. A shortened statutory response period of thirty days was set by the Office making the response due on or before 23 October 2002.

1. The Examiner required an election of species because the Examiner believes that there are four (4) patentably distinct species of the claimed invention, namely:

“Species I - Direction controller comprises a sleeve controller (Figure 1)

Species II - Directional controller comprises a plurality of cams (no figure provided)

Species III - Directional controller comprises a cam and a sleeve (Figure 6)

Species IV - Directional controller comprises linear actuators - (Figure 13).¹

¹ Examiner's action at page 2, lines 4 – 7.